

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 2 | ("4891823").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 16:00 |
| L2 | 1 | (US-4891823-\$).did. | USPAT | OR | ON | 2006/10/27 16:00 |
| L3 | 1535 | MIMO and ((multiple or several) near3 antenna) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 16:14 |
| L4 | 165 | L3 and (trellis or TCM) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 16:14 |
| L5 | 42 | L4 and ((symbol near4 transmit\$5) with antenna with vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 16:14 |
| L6 | 10 | L5 and @pd<"20030818" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 16:14 |
| S1 | 1282 | (375/347).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 14:25 |
| S2 | 1535 | MIMO and ((multiple or several) near3 antenna) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 14:25 |

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|-----|-----|--|---|----|-----|------------------|
| S3 | 165 | S2 and (trellis or TCM) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 14:26 |
| S4 | 113 | S3 and ((symbol near4 transmit\$5) with antenna) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 14:27 |
| S5 | 42 | S3 and ((symbol near4 transmit\$5) with antenna with vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 14:27 |
| S6 | 21 | S4 and @pd<"20030818" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:10 |
| S8 | 0 | S6 and ((guess or estimate) with symbol with (first near3 antenna)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 14:40 |
| S9 | 3 | S6 and (symbol with (first near3 antenna)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 14:51 |
| S10 | 2 | ("6,185,258").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/27 14:51 |
| S11 | 1 | (US-6185258-\$.did. | USPAT | OR | ON | 2006/10/27 14:55 |
| S12 | 1 | (US-6473467-\$.did. | USPAT | OR | ON | 2006/10/27 14:58 |
| S13 | 35 | S2 and (received with symbol with (first near3 antenna)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:15 |

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| S14 | 4 | S13 and @pd<"20030818" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:16 |
| S15 | 1 | (US-20030072452-\$).did. | US-PGPUB | OR | ON | 2006/10/27 15:13 |
| S16 | 238 | S2 and (received with symbol with decod\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:16 |
| S17 | 4 | S14 and @pd<"20030818" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:16 |
| S18 | 441 | S2 and (received same symbol same decod\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:16 |
| S19 | 52 | S18 and @pd<"20030818" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:19 |
| S20 | 43 | S19 and (symbol same estimate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:19 |
| S21 | 162 | S1 and (first same antenna same symbol same (decod\$4 or received)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:19 |
| S22 | 69 | S21 and @pd<"20030818" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:19 |

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| S23 | 5 | S22 and MIMO | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:19 |
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» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

- ☐ 1. **Performance comparison of space-time coding techniques**
Bevan, D.; Tanner, R.;
[Electronics Letters](#)
Volume 35, Issue 20, 30 Sept. 1999 Page(s):1707 - 1708
Digital Object Identifier 10.1049/el:19991215
[AbstractPlus](#) | Full Text: [PDF](#)(260 KB) IEE JNL
- ☐ 2. **Iterative equalization and decoding with channel shortening filters for sp: modulation**
Bauch, G.; Al-Dhahir, N.;
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[AbstractPlus](#) | Full Text: [PDF](#)(632 KB) IEEE CNF
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- ☐ 3. **Space-frequency turbo coded OFDM for future high data rate wideband r:**
Tujkovic, D.; Juntti, M.; Latva-Aho, M.;
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- ☐ 4. **Performance of space-time coding with HIPERLAN/2 and IEEE 802.11a W on real channels**
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- ☐ 5. **A flexible space-time turbo coding scheme**
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- ☐ **6. High bandwidth efficiency space-time turbo coded modulation**
Tujkovic, D.;
[Communications, 2001. ICC 2001. IEEE International Conference on](#)
Volume 4, 11-14 June 2001 Page(s):1104 - 1109 vol.4
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- ☐ **7. Low rate space-time trellis codes in power limited wireless communicati**
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[Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE](#)
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- ☐ 14. **Comparative study of turbo coded wideband adaptive modulation and sp codes**
Liew, T.H.; Yeap, B.L.; Hanzo, L.;
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[AbstractPlus](#) | Full Text: [PDF\(450 KB\)](#) IEEE CNF
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- ☐ 16. **A class of MIMO systems using transmit diversity pre-combining scheme optimum space-time trellis code**
Su Hwan Lim; Seong Keun Oh;
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- ☐ 17. **Weight error loss for wireless systems with antenna arrays**
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- ☐ 18. **Obtaining full-diversity space-frequency codes from space-time codes via**
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- ☐ 20. **New design criteria of space-time codes for frequency-selective multipath channels**
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- ☐ 21. **A sphere packing bound on Rayleigh block-fading MIMO channels**
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- ☐ 22. **2003 IEEE International Conference on Communications (Cat. No.03CH37**
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- ☐ 23. **Pair space-time trellis codes and linear constellation precoding for MIMO**
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- ☐ 24. **A new approach to space-time-channel layering and coding for frequency channels**
Wang, X.F.;
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- ☐ 25. **High speed wireless data transmission in layered space-time trellis code**
Runhua Chen; Letaief, K.B.;
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- ☐ 26. **A new diversity scheme for frequency selective MIMO channels**
Alkhalwaldeh, S.; Xiaofeng Wang; Shayan, Y.;

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- ☐ **28. Concatenated space-time block code with trellis coded modulation in OF**
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- ☐ **30. Outage analysis and optimization of a stacked orthogonal space-time arc near-outage codes**
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- ☐ **31. Performance evaluation of STTCs for virtual antenna arrays**
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- ☐ **32. Ordered array processing for space-time coded systems**
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- ☐ 34. **Turbo-coded adaptive modulation versus space-time trellis codes for tra**
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- ☐ 36. **Multicarrier delay diversity modulation for MIMO systems**
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- ☐ 38. **Iterative joint and interference ing/cancellation decoding algorithms for n**
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- ☐ 40. **Antenna selection for space-time trellis codes in fast fading**
Sanei, A.; Ghrayeb, A.; Shayan, Y.; Duman, T.M.;
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- ☐ 42. **Reverse-ordered iterative decoding scheme for combining of spatial diverse multiplexing**
Kwang Don Choe; Byung Min Song; Sang Kyu Park;
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- ☐ 43. **A list sphere decoder based turbo receiver for groupwise space time trellis (GSTTC) systems**
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- ☐ 44. **Joint space-time trellis code detection and MIMO equalisation via particle filter**
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- ☐ 46. **Approximation maximum likelihood detector for V-BLAST systems**
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IEEE JNL IEEE Journal or Magazine

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